In the Claims:

Please delete claims 1- 8 and add the following new claims 9 – 17.

9. (New)   An access control system in a wireless LAN system using an access point to perform access control for accesses from a plurality of client terminals,

wherein an access point and each of a plurality of client terminals have a transmission device using a data transmission carrier wave frequency and a control signal transmission carrier wave frequency,

wherein each of the plurality of client terminals has a memory storing priority information,

wherein when the data transmission carrier wave frequency is not sensed on the wireless LAN, data are transmitted to the access point at a relevant data transmission carrier wave frequency,

wherein when the data transmission carrier wave frequency is sensed on the wireless LAN, a band reservation request is sent to the access point at a relevant control signal transmission carrier wave frequency along with priority information stored in the memory, and

wherein after a transmission confirmation is received from the access point for the band reservation request, data is transmitted to the access point at a relevant data transmission carrier wave frequency.

10. (New)   The access control system according to claim 9,

wherein the access point has a memory for storing a priority control table registering priority information included in a band reservation request sent from the client terminal, and

wherein when preceding communication is terminated, a transmission confirmation for the band reservation request is sent to a relevant client terminal in the order of priorities in priority information registered in a priority control table stored in the memory.

11. (New)   The access control system according to claim 9,

wherein each priority of the priority information is defined correspondingly to an application generating a transmission request.

12. (New)   The access control system according to claim 10,

wherein each priority of the priority information is defined correspondingly to an application generating a transmission request.

13. (New)   The access control system according to claim 10,

wherein registration time, client identification information and a priority are registered for each piece of priority information in a priority control table for registering the priority information.

14. (New)   The access control system according to claim 13,

wherein when a plurality of client terminals has the same priority of the priority information registered in the priority control table, the transmission confirmation is sent to a relevant client terminal in the order of time of the registration into the priority control table.

15. (New)   A client terminal applied to a wireless LAN system using an access point to perform access control, comprising:

a transmission device using a data transmission carrier wave frequency and a control signal transmission carrier wave frequency;

a memory storing priority information,

wherein when the data transmission carrier wave frequency is not sensed on the wireless LAN, data are transmitted to the access point at a data transmission carrier wave frequency,

wherein when the data transmission carrier wave frequency is sensed on the wireless LAN, a band reservation request is sent to the access point at the control signal transmission carrier wave frequency along with priority information stored in the memory, and

wherein after a transmission confirmation is received from the access point for the band reservation request, data is transmitted to the access point at the data transmission carrier wave frequency.

16. (New)   An access point applied to a wireless LAN system performing access control for a plurality of client terminals, comprising:

a transmission device using a data transmission carrier wave frequency and a control signal transmission carrier wave frequency; and

a memory storing a priority control table for registering priority information included in a band reservation request sent from a client terminal,

wherein when preceding communication is terminated, a transmission confirmation for the band reservation request is sent to a relevant client terminal in the order of priorities in priority information registered in a priority control table stored in the memory.

17. (New)   An access control method of data transmission from a plurality of client terminals using an access point in a wireless LAN system, the method comprising:

storing priority information corresponding to an application into a memory in each of the plurality of client terminals;

when a carrier wave frequency is not sensed on the wireless LAN, transmitting data to the access point at a data transmission carrier wave frequency,

when a carrier wave frequency is sensed on the wireless LAN, sending a band reservation request to the access point at a control signal transmission carrier wave frequency along with priority information stored in the memory, and

after a transmission confirmation is received from the access point for the band reservation request, transmitting data to the access point at a data transmission carrier wave frequency.